

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/CA2004/001925

## A. CLASSIFICATION OF SUBJECT MATTER

IPC<sup>7</sup>: E04H 17/14, E04F 11/18, E04G 1/26, E01D 19/10

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC<sup>7</sup>: E04H 17/14, E04F 11/18, E04G 1/26, E01D 19/20, E06B

ECLA: E04H 17/14A, E04H 17/14D, E04H 17/14D1, E04H 17/14E, E04H 17/14E1, E04H 17/14E1A,  
E04H 17/14E2, E04H 17/14E2A

US Classes: 256/ 22, 59, 65.01, 65.12, 65.14, 67, 70, 71, 72

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
Canadian Patent Database  
Canadian Industrial Design Database

Electronic data base consulted during the international search (name of data base, and, where practicable, search terms used)

Delphion, Espacenet, USPTO

Keywords: Rail, Railing, fence, spacer, picket.

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	US 6 254 064 (GIBBS, E. L.) 2001.07.03 Column 2, line 10 to Column 3 line 48 Fig. 1, 2, 3, 4	1, 3, 4, 5, 7, 11 - 15 2, 6, 9 - 10
Y	US 3 083 951 (HURET, N. B.) 1963.04.02 Column 2, lines 59 to 70 Fig. 1, 2, 3, 6	2, 6, 9 - 10
A	US 4 346 872 (TORNYA, A. G.) 1982.08.31 Column 3, line 36 to Column 4, line 4 Fig. 1, 4	1, 2, 5, 6, 13 - 15
A, P	CA 2 422 750 (WALKER, S.) 2004.09.12 Description page 5 lines 10 to 18 page 6 lines 10 to 19 Fig. 2, 3, 6	1, 2, 5, 6, 13 - 15
A	US 4 809 955 (VEILLEUX, C.) 1989.03.07, Column 5, lines 17 to 41 Fig. 1, 3, 8	1, 2, 5, 6, 13 - 15

Further documents are listed in the continuation of Box C.

Patent family members are listed in annex.

\* Special categories of cited documents:  
"A" document defining the general state of the art which is not considered to be of particular relevance  
"E" earlier application or patent but published on or after the international filing date  
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  
"O" document referring to an oral disclosure, use, exhibition or other means  
"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  
"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  
"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art  
"&" document member of the same patent family

Date of the actual completion of the international-type search  
06 January 2005 (06-01-2005)

Date of mailing of the international-type search report  
09 March 2005 (09-03-2005)

Name and mailing address of the ISA/CA  
Commissioner of Patents  
Canadian Patent Office - PCT  
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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 7 774 (KRAUSER, J.) 1850.11.12 Column 1, line 13 to 54 Fig 1, 2	1, 3 - 5, 11 - 15

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Information on patent family members

International application No.  
PCT/CA2004/001925

Patent Document Cited in Search Report	Publication Date	Patent Family Member(s)	Publication Date
US6254064	03-07-2001	EP1054293 A1 US6254064 B1	22-11-2000 03-07-2001
US3083951	02-04-1963	US3083951 A	02-04-1963
US4346872	31-08-1982	AU524516 B2 AU4908479 A US4346872 A	23-09-1982 28-02-1980 31-08-1982
CA2422750	12-09-2004	CA2422750 A1 WO2004081314 A1	12-09-2004 23-09-2004
US4809955	07-03-1989	US4809955 A	07-03-1989
US7774	12-11-1850	US7774	12-11-1850